

CLAIMS

1. A method of driving a plasma display panel, the panel comprising:
 - a plurality of display electrode pairs each one of the display
 - 5 electrode pairs including a scan electrode and a sustain electrode disposed on a first substrate;
 - a plurality of priming electrodes disposed in parallel with and between every other display electrode pairs disposed on the first substrate; and
 - a plurality of data electrodes disposed on a second substrate,
 - 10 confronting the first substrate with a discharge space therebetween, such that the data electrodes are placed in a direction crossing the display electrode pairs,
 - wherein the display electrode pairs confront the data electrodes for forming primary discharge cells, and the priming electrodes confront the data electrodes for forming priming discharge cells,
 - 15 wherein one field comprises a plurality of sub-fields each one of the sub-fields including an initializing period, an addressing period, and a sustaining period,
 - wherein the addressing period includes an odd-line addressing period in which an address operation is conducted to primary discharge cells
 - 20 having odd-number scan electrodes, an even-line addressing period in which an address operation is conducted to primary discharge cells having even-number scan electrodes,
 - wherein during the odd-line addressing period, a scan pulse voltage is applied to odd-number scan electrodes sequentially while a priming
 - 25 pulse voltage is applied, prior to the application of the scan pulse voltage, to a priming electrode adjacent to the scan electrode to which the scan pulse voltage is to be applied, in order to generate a priming discharge between the priming

electrodes and the data electrodes, and

wherein during the even-line addressing period, a scan pulse voltage is applied to even-number scan electrodes sequentially while a priming pulse voltage is applied, prior to the application of the scan pulse voltage, to a priming electrode adjacent to the scan electrode to which the scan pulse voltage is to be applied, in order to generate a priming discharge between the priming electrodes and the data electrodes.

2. The method of claim 1, wherein during the addressing period, a time span of applying the scan pulse voltage to the scan electrodes overlaps a time span of applying the priming pulse voltage to the priming electrode.

3. The method of claim 1 or claim 2; wherein an auxiliary initializing period is provided between the odd-line addressing period and the even-line addressing period for conducting an initializing discharge between the priming electrode and the data electrode.